Facilities Statistics

- Opened in 1949
- Modernized in 2007/2008
- 262,420 Permanent square feet
  - Third largest in district
- 81 acres-Largest in district acreage
  - 46 acres-School campus
  - 35 acres-School Farm
• 2017 total capacity 3,003 students
  • Original permanent built capacity 2,176 students

• Portable Capacity +900 students
  • 30 Rented Portable Classrooms and 1 Portable Restroom
  • 20 fewer classrooms required if utilizing traveling teacher

• Other District School Sites with similar portable count
  • Foothill 21
  • Golden Valley 25
  • Ridgeview 24
Career Technical Education Facilities

- Arvin High School – Nine CTE Pathways
  - Uniquely designed CTE facilities

  - Auto Tech
  - Construction Design
  - Manufacturing
  - Ag Science
  - Architecture – Engineering Graphics
  - Video Production
  - Business Management
  - Health Careers
  - Environmental Horticulture
Facility Condition

- 68 years old
- Designed and constructed for soil conditions in Arvin
  - Foundation – grade beams with 20 and 30 foot deep piles
  - Combination one and two stories
  - Walls are 12” thick composite of two brick layers with 6” grouted center with rebar
Settling Cracks – Forensic Investigation

• Came to light in 2014

• Structural engineer and soil engineer hired in 2014 to evaluate

• No immediate life safety risk as a result of the cracking

• Further studies ordered with monitoring

• Recommended sealing cracks to prevent water intrusion in some areas
Potential Causes of Settling

• Free groundwater has risen 50 to 100 feet
• Surface water penetrating moisture sensitive soil
• Faulting in vicinity can activate soil settling
• Stress cracks are a result of underlying soils compacting or settling in a new manner.
Settling Cracks – Next Steps

- Survey and Measure

- Install crack monitors to monitor additional settling

- Actively monitor buildings and cracks

- April 2016 – structural engineer report – “continue monitoring – too premature for additional recommendations”

- Latest measurement – April 2017
Enrollment

• Arvin High School – Fourth Friday 2016 = 2,618

• Schools reaching 2,500 student enrollment (20 year history)
  
  Arvin High School           Liberty High School
  Bakersfield High School     North High School
  Centennial High School      South High School
  Foothill High School        Stockdale High School
  Frontier High School        West High School
  Golden Valley High School

• Note – Bakersfield High School (with the smallest footprint) has exceed 2,500 students all 20 years and currently has an enrollment of 2,900 students
Arvin High Overview

Arvin High Meals, Transportation and Instructional Programs

Future School Options

Alternative Options

Next Steps
AHS Elective Programs

- **CTE Pathways**
  - Ag Science
  - Auto Tech – Articulation Agreements with BC
  - Business Management – Articulation Agreements with BC
  - Manufacturing – 2 Courses Dual Enrolled
  - Video Productions

- **California Partnership Academies**
  - Construction Design (CDA) – 2 Strands
    - Construction – Wood 1, Wood 2, Wood 3 – Articulation Agreements with BC
    - Architecture Design – Arc 1, Arc 2, Engineering Graphics – Articulation Agreements with BC
  - Environmental Horticulture (EHA) – Floral Design, Plant Soil, Ag Sales & Marketing – 2 Courses Dual Enrolled
  - Health Careers (HCA) - Intro to Medicine, Health Careers, Anatomy/Physiology –
    - 1 course Dual Enrolled, Articulation Agreements with BC

- **(A-G) College Prep Electives**
  - World Language – French and Spanish Pathways
  - Band Pathway
  - Theatre/Drama

**Other Pathways**
- JROTC

Students list top three choices for electives
Arvin High School Dining

• Arvin High serves meals five times a day.
• Arvin High has the third largest cafeteria
  • Cafeteria: Dining Seating West Side = 225 seating
    Dining Seating East Side = 291 seating
    516 seating
  • Outdoor: Picnic tables covered area = 232 seating
    Miscellaneous picnic tables = 24 seating
    Bench seating = 288 seating
  Total possible seating for eating purposes (cafeteria & outdoor) = 1,060

• Off Campus: Open campus to juniors and seniors. Many have lunch off campus.
• Many students elect to bring their own lunch, or elect not to eat lunch.
## AHS Single Lunch – Instructional Perspective

<table>
<thead>
<tr>
<th>Block Schedule</th>
<th>Traditional Schedule</th>
<th>The Block Affords:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per 1 - 121</td>
<td>Per 1 - 57</td>
<td>18 Additional Instructional Minutes/Day x 180 days</td>
</tr>
<tr>
<td>Per 2 - 58</td>
<td>Per 2 - 58</td>
<td></td>
</tr>
<tr>
<td>Per 3/4 - 121</td>
<td>Per 3 - 57</td>
<td>3,240 Minutes/Year</td>
</tr>
<tr>
<td>Per 3 - 57</td>
<td>Per 4 - 58</td>
<td></td>
</tr>
<tr>
<td>Per 4 - 58</td>
<td>Per 5/6 - 121</td>
<td></td>
</tr>
<tr>
<td>Per 5 - 57</td>
<td>Per 5 - 57</td>
<td></td>
</tr>
<tr>
<td>Per 6 - 58</td>
<td>Per 6 - 58</td>
<td></td>
</tr>
</tbody>
</table>

Min in Class = 363

Passing Per + 12

Total Minutes = 375

Min in Class = 345

Passing Per + 30

Total Minutes = 375

**“Gain Approximately 9 days of Instructional Time”**

Logistical Issues:

- Overlap Issues – students out of class during transition
- Noise outside classrooms during lunch periods
Lamont to Arvin Transportation

- 7 routes between Lamont and Arvin
  - 2 Habecker/Mark
  - 5 Park (buses arrive at staggered times)
- 2 routes between outlying Lamont area and Arvin (Mt. View, Weedpatch)
- Total bus capacity = 796 students (at 3 to seat)
- Average ridership for 2017-2018 = 506 students
- Largest route = 67 students
- Approximate total time spent on bus = approximately 10-13 minutes (based on Zonar data)
- Historically ridership increases by October and decreases in April (transportation adds and subtracts routes as needed).
- Last bus arrives on average at 7:38am (1st period starts at 7:50am)
Arvin High School Athletics

- Student Enrollment: 2,618
- Student Athletes: 721
- District-Wide Participation Rate: 13.5%
- AHS Participation Rate: 9.0%
- Plenty of opportunities for becoming involved in athletics at Arvin High School
Future School Options - Southeast

- Acquiring property for a future high school in Lamont
- Acquiring property for a future high school in Lamont northwest of Lamont
- Adding new permanent classrooms and infrastructure at Arvin High School
A High School in Lamont

Current Challenges

- **Currently there are not enough students in Lamont**
  - Requires 2,000 students (1,000 9th and 10th graders)
  - Currently Lamont has approximately 1,150 students (650 9th and 10th graders)

- **Flood plain**
  - Construction on an elevated dirt foundation can partially mitigate this
  - Transportation in the event of a flood still poses problems

- **Funding**
  - No current funding to build a school in Lamont
  - Operating expenses for two small schools exceed revenues

- **Negative impacts on Arvin High School**
Challenges Posed by the Flood Plain
AHS Elective Programs

• **CTE Pathways**
  • Ag Science
  • Auto Tech – Articulation Agreements with BC
  • Business Management – Articulation Agreements with BC
  • Manufacturing – 2 Courses Dual Enrolled
  • Video Productions

• **Other Pathways**
  • JROTC

• **California Partnership Academies**
  • Construction Design (CDA) – 2 Strands
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    • 1 course Dual Enrolled, Articulation Agreements with BC

• **(A-G) College Prep Electives**
  • World Language – French and Spanish Pathways
  • Band Pathway
  • Theatre/Drama
  • Art Pathway
  • Choir Pathway
  • AVID Pathway
Negative Impact on Arvin High School

• With 1500 students AHS could support 9 elective programs

• With 9 offerings - we have to keep 5 of the College Prep electives listed (not choosing AVID)
  • we would have to choose an additional 4 pathways from the other 11 listed losing 7 pathways

• $184 = \text{Sections lost} \rightarrow 5 \text{ sections} = 1 \text{ full time teacher} \rightarrow 184 \div 5 = \text{Loss of 36.8 Teachers}$

• Losing 7 pathways
  • Will cut 35 additional sections
  • Will cut 7 additional teachers

Athletic Leaguing: Both schools may have to move out of the South Sequoia (Arvin, Shafter, Wasco, Taft, Bakersfield Christian, Robert F. Kennedy, Cesar Chavez) league to a smaller school league – leading to a significant increase in travel time for athletic teams.
Build New School – South Area – Scenario 3

**STO** Capacity 2,175
- Year 21-22: Proj. 1,941 (89.2%)
- Year 22-23: Proj. 2,080 (95.6%)
- Year 23-24: Proj. 2,225 (102.3%)
- Year 24-25: Proj. 2,241 (103.0%)

**WES** Capacity 2,257
- Year 21-22: Proj. 2,332 (103.3%)
- Year 22-23: Proj. 2,435 (107.9%)
- Year 23-24: Proj. 2,463 (109.1%)
- Year 24-25: Proj. 2,445 (108.3%)

**SOU** Capacity 1,961
- Year 21-22: Proj. 2,173 (110.8%)
- Year 22-23: Proj. 2,221 (113.3%)
- Year 23-24: Proj. 2,250 (114.7%)
- Year 24-25: Proj. 2,229 (113.7%)

**GV** Capacity 2,128
- Year 21-22: Proj. 2,495 (117.2%)
- Year 22-23: Proj. 2,380 (111.8%)
- Year 23-24: Proj. 2,294 (107.8%)
- Year 24-25: Proj. 2,289 (107.6%)

**MIR** Capacity 2,176
- Year 21-22: Proj. 2,538 (116.6%)
- Year 22-23: Proj. 2,524 (116.0%)
- Year 23-24: Proj. 2,486 (114.2%)
- Year 24-25: Proj. 2,507 (115.2%)

**ARV** Capacity 2,103
- Year 21-22: Proj. 2,022 (96.1%)
- Year 22-23: Proj. 1,695 (80.6%)
- Year 23-24: Proj. 1,555 (73.9%)
- Year 24-25: Proj. 1,506 (71.6%)

**NEW** Capacity 2,176
- Year 21-22: Proj. 1,171 (53.8%)
- Year 22-23: Proj. 1,726 (79.3%)
- Year 23-24: Proj. 2,256 (103.7%)
- Year 24-25: Proj. 2,313 (106.3%)

**Disclaimer: Proof of Concept, not a proposed plan**
Partnerships

- KCCD is in the process of acquiring land for a future satellite campus.
- The satellite campus is projected to open in approximately four to five years.
- KHSD and KCCD are prepared to study the feasibility of future partnerships that will allow shared use of facilities and the creation of programs allowing more students to access post secondary education programs at the satellite facility.
Arvin High Overview

Arvin High Meals, Transportation and Instructional Programs

Future School Options

Alternative Options

Next Steps
Educational Options Expansion - Lamont

Requirements

• 3 Portables
  – Teachers
  – Office
  – Classroom/Science Lab
• 6 Kern Learn Teachers
  – English
  – Math
  – Science
  – Social Studies
  – Modern Language
  – Physical Education
• 2 Discovery Teachers (provide asynchronous and general level coursework)
• 1 Classified Staff
• 1 Counselor
• 1 Administrator

Enrollment

• Discovery Students from Arvin
  – 2016-17
    • 74 Students
  – 2017-18 (current)
    • 33 Students
• Kern Learn Students From Arvin
  – 2016-17
    • 9 Students
  – 2017-18 (current)
    • 4 Students
Educational Options Expansion - Lamont

**Pros**
- Accessibility
- Outreach
- Flexible nature of blended learning programs
- Minimize transportation

**Cons**
- Travel to campus for athletics and activities
- Cost per student – need 150 students for a break even cost
Kern Learn Courses

- **ENGLISH**
  - English 9 P
  - English 10 P
  - English 11 P
  - English 12 P
  - ERWC

- **MATHEMATICS**
  - Integrated Math
  - Finite Math
  - Algebra 1P
  - Geometry P
  - Algebra Advanced P
  - Pre-Calculus
  - Statistics P

- **HEALTH**
  - Health

- **SCIENCE**
  - Earth Science P
  - Biology CP
  - Chemistry CP
  - Physics P

- **MODERN LANGUAGE**
  - Spanish 1P
  - Spanish 2P
  - Spanish 3P

- **PHYSICAL EDUCATION**
  - PE 9
  - PE 10
  - COED PE Elective
  - Makeup PE

- **FINE AND PERFORMING ARTS**
  - Theater Film 1P

- **SOCIAL STUDIES**
  - World History CP
  - US History CP
  - Government P
  - Economics P

- **ELECTIVES**
  - Creative Writing
  - Sports and Entertainment
  - Digital Photography
  - Law & Order
  - Astronomy
  - History of the Holocaust
  - Career Choices
Educational Options Center

ADJACENT NUEVA
(3) PORTABLES + (1) RESTROOM

EXISTING NUEVA
(3) PORTABLES

NEW PARKING

IMPACTS PARKING & OUTDOOR STUDENT AREA
Next Steps

- Continue to work with realtors to identify a possible site acquisition for future growth in Arvin and Lamont
- Continue discussions with CDE regarding options for building in a flood plain
- Continue discussions with KCCD about possible shared facilities when KCCD opens their satellite campus in Arvin
- Continue meetings with our Southeast Site Selection Committee
Questions?